



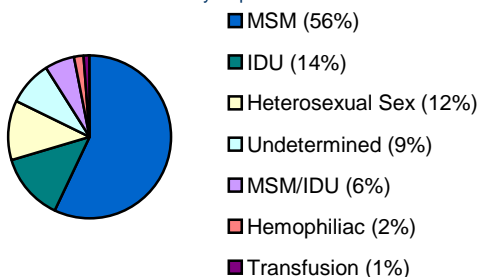
HIV/AIDS, STD & TB Prevention KENTUCKY

HIV/AIDS Epidemic

Kentucky reported 4,192 cumulative AIDS cases to CDC as of December 2003.

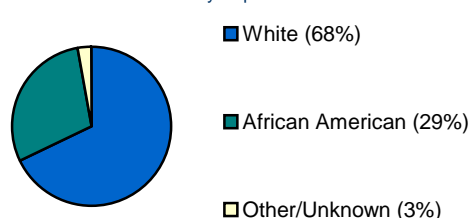
Cumulative AIDS Diagnoses by Mode of Exposure, through 2003 N = 4,042

SOURCE: Kentucky Department for Public Health



Cumulative AIDS Diagnoses by Race/Ethnicity, through 2003 N = 4,042

SOURCE: Kentucky Department for Public Health



Sexually Transmitted Diseases (STDs)

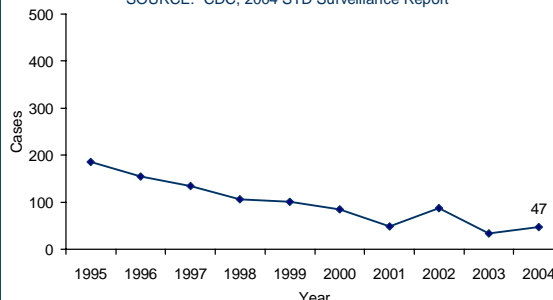
Syphilis

Primary and secondary (P&S) syphilis (the stages when syphilis is most infectious) remains a problem in the southern U.S. and some urban areas. In Kentucky the rate of P&S syphilis decreased 77% from 1995-2004.

- Kentucky ranked 30th among the 50 states with 1.1 cases of P&S syphilis per 100,000 persons.
- The number of congenital syphilis cases decreased from 7 in 1995 to 1 in 2004.

P&S Syphilis Cases in Kentucky, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report



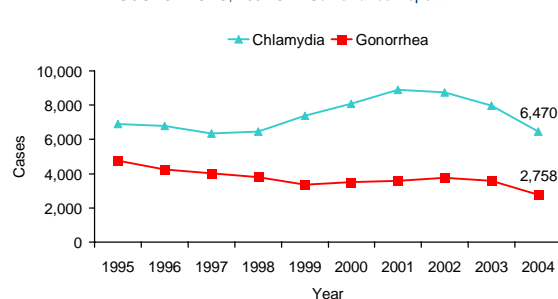
Chlamydia and Gonorrhea

Chlamydial and gonorrheal infections in women are usually asymptomatic and often go undiagnosed. Untreated, these infections can lead to pelvic inflammatory disease (PID), which can cause tubal infertility, ectopic pregnancy, and chronic pelvic pain.

- Kentucky ranked 48th among the 50 states in chlamydial infections (157.1 per 100,000 persons) and 34th in the rate of gonorrhea infections (67 per 100,000 persons).
- Rates of chlamydia among Kentucky women (239.4 cases per 100,000 females) were 3.4 times greater than those among Kentucky men (71 cases per 100,000 males).

Chlamydia and Gonorrhea Cases in Kentucky, 1995-2004

SOURCE: CDC, 2004 STD Surveillance Report

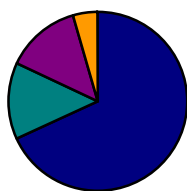


Tuberculosis

TB Cases by Race/Ethnicity, through 2003

N = 138

SOURCE: CDC, 2003 TB Surveillance Report



- White (68%)
- African American (14%)
- Hispanic (14%)
- Asian/Pacific Islander (4%)

Although rates of tuberculosis (TB) infection in the U.S. have declined substantially since 1992, rates among foreign-born persons continued to increase. In 2003, Kentucky reported

- The 27th highest rate of TB in the U.S.
- A total of 138 TB cases with 68% affecting Whites and 14% affecting African Americans. In all, about 21% were among foreign-born persons.

Program Initiatives Supported by CDC

Human Immunodeficiency Virus (HIV/AIDS)

Matthew 25 AIDS Services, Inc. in Henderson, Kentucky, received funding in the 2004 community-based program announcement under Category B, organizations providing HIV prevention services to members of groups at high risk for HIV infection, regardless of race/ethnicity. The organization specifically targets HIV prevention services to men who have sex with men (MSM).

Sexually Transmitted Diseases (STDs)

As part of a Chlamydia Awareness Campaign, the Kentucky STD Control Program, with support from the Kentucky Family Planning Program and the Division for Laboratory Services, conducted a chlamydia and gonorrhea screening among residents at two Job Corp sites: Earl C. Clements [Morganfield] and Whitney Young [Simpsonville]. Three hundred seven students (170 males and 137 females) were screened. Thirty-six (11.7%) students were diagnosed with chlamydia and three (0.98%) were diagnosed with gonorrhea; two were dually infected. The availability and use of the amplified nucleic acid probe enabled specimens to be collected by swab or urine. Mean turn-around time from date of collection to notification of result was five days. Treatment was verified for all of the students with a positive test result. One hundred eighty students were residents of Kentucky prior to entry into the Job Corps and 127 others resided in 15 other states.

National Center for HIV, STDs & TB Prevention Funding to Kentucky, 2005 (US\$)

HIV/AIDS	\$2,346,479
STDs	\$1,310,875
TB	\$1,001,175

Tuberculosis (TB)

In 2002, the Kentucky Tuberculosis Control Program designed a seminar to address the relationship between TB and HIV. The purpose of the annual seminar is to illustrate the importance of emphasizing HIV testing during TB services. Combined with the efforts of the TB medical consultant, the TB nurse consultant, and the TB social worker, who provides site visits to the local health departments, this seminar has created a greater percentage of TB clients being tested for HIV in 2002 and 2003.

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